

DXN20 Hazardous Location Plugs & Receptacles – 20 A

Devices rated for hazardous locations are not returnable.

cCSAus Certifications DXN20

- Max Amperage & Voltage**
20 A, 600 VAC, 60 Hz
- Current Interruption Capability**
For current interrupting (AC)
- Horsepower Ratings**

120V	1Ø	.75 hp
240V	1Ø	2 hp
208V	3Ø	3 hp
240V	3Ø	3 hp
480V	3Ø	7.5 hp
600V	3Ø	7.5 hp
- Short Circuit Rating**
25kA Close & Withstand
Testing was performed with RK1 30 A fuse sized at 400% of the highest full load motor ampacity associated with the devices hp rating.
Note: Consult NEC for Short Circuit limits.
- Environmental Ratings**
IP66/IP67
- Wiring Capacity**
Min 16 AWG Max 10 AWG
* Based on THHN wire sizes
- Applicable Standards**
CSA C22.2 No. 182.1
- Hazardous Location Ratings**

-40°C ≤ T_a ≤ +60°C
Ex de IIC T5 Gb Ex tb IIIC T90°C Db
Class I Zone1 AEx de IIC T5 Gb
Zone 21 AEx td T90°C Db
Class I Div 2 Gr A,B,C,D
Class II Div 2 Gr E,F,G
cCSAus 00.1144106X

Receptacle (female)



Standard DXN20 lid opens to 120°

Inlet (male)



Receptacles & Inlets must be mounted to a DXN handle, angle or wall box

North American cCSAus Configurations

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	22-14125-K16**	22-18125-K16**
125V	1P+N+G	22-14075	22-18075
208V	2P+G	22-14122-K16**	22-18122-K16**
208V	3P+G	22-14123-K16**	22-18123-K16**
208V	3P+N+G	22-14127-K16**	22-18127-K16**
250V	2P+G	22-14072	22-18072
250V	3P+G	22-14073	22-18073
250V	2P+N+G	22-14076	22-18076
277V	1P+N+G	22-14045	22-18045
480V	2P+G	22-14042	22-18042
480V	3P+G	22-14043	22-18043
480V	3P+N+G	22-14047	22-18047
600V	2P+G	22-14142	22-18142
600V	3P+G	22-14143	22-18143
600V	3P+N+G	22-14147	22-18147

Receptacle Options	Suffix #	Inlet Options	Suffix #
Padlock Pawl	Recept # - 843	With No Lockout Hole	Inlet # - A155
Metal Pawl on Poly Receptacle	Recept # - 924		
Closed Lid Configuration	Recept # - R		
180° Lid Opening	Recept # - 180		

**Product has changed and will not mate with prior 22-1416x and 22-1816x 120V and 208V configurations. Please contact customer service if product will be used with devices purchased prior to January 31, 2021.

ATEX/IECEX Certifications DXN1

- Max Amperage & Voltage**
20 A, 550 VAC, 50 Hz
- Environmental** IP66/IP67
- Ambient Temp** -40°C to +60°C
- Hazardous Location Ratings**
ATEX/IECEX Zones 1 & 2, 21 & 22

MARECHAL ELECTRIC MAROMME
Ex de IIC T*Gb Ex tb IIIC T*Db
-40 °C ≤ T_A ≤ +60 °C T5 T90 °C
-40 °C ≤ T_A ≤ +40 °C T6 T70 °C
IECEX LCI 09.0005X / LCIE 99 ATEX 6027X

See MELTRIC's International Catalog (online) for additional product information.

Receptacle

Inlet

IEC/CE Configurations (ATEX/IECEX)


Voltage	Polarity	Part # Poly	Part # Poly
20 - 24 V	2P	25-1408A	25-1808A
190 - 230 V	3P+E	25-14033	25-18033
220 - 250 V	1P+N+E	25-14015	25-18015
380 - 440 V	3P+E	25-14013	25-18013
380 - 440 V	3P+N+E	25-14017	25-18017
480 - 500 V	3P+E	25-14093	25-18093
480 - 500 V	3P+N+E	25-14097	25-18097


Receptacle Options	Suffix #	Receptacle Options	Suffix #
Padlock Pawl w/shaft for 2 locks	Recept # + 843	Self-returning Lid	Recept # + R
180° Lid Opening	Recept # + 10	180° Opening & Self-returning Lid	Recept # + 18

INSTALLATION ACCESSORIES – SIZE 1


Accessories rated for hazardous locations are not returnable.

HANDLES


POLY HANDLE w/NPT		Part #	
	1/2"	22-1A013-12	For use in Class I or II Division 2 or Class 1 Zone 1 or Zone 21 depending on fitting used. Fitting manufactured by others.
	3/4"	22-1A013-34	


POLY HANDLE w/CORD GRIP w/Cable Range			
	.24 - .47"	251P0BPA	For use in Class I or II Division 2, Class I Zone I or Zone 21 -20°C ≤ Ta ≤ +85°C
	.39 - .55"	251P0BPB	
	.35 - .63"	251P0CPD	
	.51 - .71"	251P0CPC	


ANGLES

POLY ANGLE			
	30°	22-1A057	


MISCELLANEOUS ACCESSORIES


FINGER DRAWPLATES			
	61-1A346	Set of Two (2)	Recommended for cord to cord assembly applications, for easier connector closure.

PROTECTIVE INLET/PLUG CAP			
	22-1A426	For Inlets/Plugs Only.	


RECEPTACLE LOCKING PIN			
	LP-843	Requires Padlockable Pawt option (-843) on receptacle.	


HANDLES

POLY HANDLE w/POLY Cable Gland		Part #	
	5 - 10 mm	25-1A253-16P	For use in Zones 1 & 2 Zones 21 & 22
	12 - 18 mm	25-1A253-25P	
	16 - 25 mm	25-1A253-32P	


POLY HANDLE w/METAL Cable Gland			
	8 - 10 mm	25-1A253-20M	With Earth continuity
	12 - 14 mm	25-1A253-25M	
	18 - 24 mm	25-1A253-32M	


ANGLES


POLY ANGLE			
	30°	25-1A057	

POLY ANGLE			
	70°	25-1A757	For panel mounting. Not a replacement part for 70° wall box.


BOXES

POLY WALL BOX w/NPT		Part #	
	30°	1/2"	22-1A023-12-T NPT Thread on top
	30°	3/4"	22-1A023-34-T * Interior volume with receptacle installed.


POLY WALL BOX w/NPT			
	30°	1/2"	22-1A023-12-B NPT Thread on bottom
	30°	3/4"	22-1A023-34-B * Interior volume with receptacle installed.


POLY ANGLE WITH METAL BOX w/NPT w/o TERMINAL BLOCKS			
	70°	1/2"	221C7N05 NPT is drilled on top of metal box as standard.
	70°	3/4"	221C7N07 For NPT on side only, add an "L" suffix.
	70°	1"	221C7N10 To switch from top to bottom or left to right the box can be rotated.
	70°	1 1/4"	221C7N12
	70°	1 1/2"	221C7N15


NPT on top or bottom (if rotated). For other NPT configurations, contact customer service. * Interior volume with receptacle installed.

POLY WALL BOX 120x120 w/o TERMINAL BLOCKS w/CORD GRIP			
	70°	1/2"	.20 - .35" 221C7BPJ
	70°	1/2"	.24 - .47" 221C7BPA For use in Class I or II Division 2, Class I Zone I or Zone 21
	70°	1/2"	.39 - .55" 221C7BPB
	70°	3/4"	.35 - .63" 221C7CPD 1 hole with a poly cable gland.
	70°	3/4"	.51 - .71" 221C7CPC
	70°	1"	.51 - .79" 221C7DPF
	70°	1"	.71 - .98" 221C7DPE

BOXES

POLY WALL BOX		Part #	
	30°	5 - 10 mm	25-1AB53-16P
	30°	10 - 14 mm	25-1AB53
	30°	12 - 18 mm	25-1AB53-25P

POLY WALL BOX 120x120 w/o TERMINAL BLOCKS			
	70°	10 - 14 mm	25-1AB88-20P
	70°	12 - 18 mm	25-1AB88-25P 1 hole with a poly cable gland.
	70°	16 - 25 mm	25-1AB88-32P

POLY WALL BOX 120x120 w/4mm² TERMINAL BLOCKS			
	70°	10 - 14 mm	25-1A088-20P
	70°	12 - 18 mm	25-1A088-25P

With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8+2E 4 mm² terminals blocks + 2.5 mm² wires, wiring 1-4 mm². For loop in loop out wiring.
-40°C ≤ Ta ≤ +60°C T5 T90°C
-40°C ≤ Ta ≤ +40°C T6 T70°C